MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1925

J. A. BROWN, DIRECTOR

Printed at the American Press.
Beirut, Syria

OCTOBER 1925
METEOROLOGICAL REGISTER

Date	Barometer reduced to O.C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	760.7	759.4	759.1	759.7	29.6	23.3		9.4	
2	59.0	7.3	7.4	7.9	29.3	24.2		8.0	
3	7.7	7.7	8.6	8.0	29.2	23.7		9.6	
4	60.5	60.2	61.0	60.6	28.9	22.6		9.3	
5	2.2	1.4	1.8	1.8	29.1	23 4		9.5	
6	1.5	1.1	1.8	1.5	28.8	23.7		6 9	
7	2.3	1.2	1.8	1.8	28.0	22.6		5.4	
8	2.0	0.8	1.2	1.3	28.2	22.3		7.9	
9	2.0	1.1	1.8	1.6	28.1	21.6		10.5	
10	2.0	0.5	1.1	1.2	27.7	20.8		10.1	3.30
11	57.9	1.8	57.4	59.0	30.3	20.8		1.9	0.58
12	8.8	58.3	9.1	8.7	27.5	21.8		8.9	
13	9.0	9.0	60.2	9.4	26.7	18.0		1.7	12.29
14	62.4	61.8	2.0	62.1	26.3	20.1		10.7	
15	1.8	0.0	0.4	0 7	27.3	20 6		9.9	
16	1.0	58.4	0.2	59.9	27.4	21.1		9.7	
17	59.9	8 7	1.1	9.9	27.3	21.2		8.6	
18	7.4	7.0	57.2	7.2	27.1	21.8		0.0	25.39
19	60.8	61.2	62.6	61.5	25.8	19.7		5.9	0.38
20	2.6	1.5	1.0	1.7	25.1	19.6		0 5	
21	1.6	59.6	59.3	0.2	26.7	21.0		3.0	1.68
22	59.4	9.8	61.1	0.1	24.6	18.9		7.8	0.51
23	62.3	61.3	1.8	1.8	24.8	18.1		10.5	
24	1.4	0.1	0.4	0.6	25.9	18.9		8.1	
25	2 0	1.3	2.7	2.0	26.8	21.5		8.3	
26	4.0	3.2	3.2	3.5	26.2	20.7		9.2	
27	2.8	1.5	1.7	2.0	26.6	19.7		10.3	
28	0.8	0.0	0.1	0.3	27.1	20.8		10.3	
29	59.6	0.6	58.5	59.6	29.4	21.5		3.2	
30	60.6	57.7	8.1	8.8	28.2	23.7		6.2	
31	59.0	8.7	9.6	9.1	26.6	21.7		7.4	
	760 81	760 07	760 43	760.44	27.76	21 27		7.25	44.13

BAROMETER

Maximum 764.0 on 26th
Minimum 757.0 on 18th

THERMOMETER

Maximum 30.3 on 11th
Minimum 18.0 on 13th

RAINFALL

Maximum 25.39 on 18th

Number of days with rain7, thunderstorms 2, gales 1.

OCTOBER 1925
METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	26.4	29.1	26.2	27.2	24.1	24.4	24.0	20.4	19.0	20 3	19.9	79	63	80	74
2	26.7	28.8	25.8	27.1	23.9	24.2	22.7	19.6	18 6	18.0	18.7	75	63	73	70
3	26.5	28.5	23.9	26.3	22.8	23.4	22.0	17.8	17.5	18.2	17.8	68	60	82	70
4	26.4	28.3	25.7	26.8	22.6	23.3	22.6	17.3	17.4	17.9	17.5	67	60	72	66
5	26.9	28.4	25 2	26.8	22.0	23.3	21.9	16.0	17 2	17.1	16 8	60	59	71	63
6	25.7	28.6	25.1	26.5	22.1	23.9	20.7	16.9	18.2	15 0	16 7	69	62	64	65
7	26.4	26.7	25.3	26 1	21.9	21.1	19 7	16.2	14.7	13.4	14.4	63	56	56	58
8	25.7	26.5	24.6	25.6	18.9	20.9	20.9	12.2	14.5	15.6	14.1	49	56	68	58
9	25 5	27.6	24.6	25.9	21.0	21.4	20.3	15.3	14 6	14.7	14.9	63	54	64	60
10	25 1	27.3	23 2	25.2	20.5	21.4	19.4	14.7	14.8	14.1	14.5	63	55	67	62
11	27.2	28.6	24.9	26 9	19.4	21.2	21.5	12 0	13.8	16.5	14.1	44	47	71	54
12	25 2	26.8	23.8	25 3	20.1	20.9	19.6	13.9	14 4	14.0	14.1	58	54	64	59
13	21.9	25 3	23 3	23.5	18.4	20 3	20 0	13.5	15.1	14.9	14.5	68	59	70	66
14	23.7	25.9	23.5	24 0	18.9	20 9	19.9	13 1	14.9	14 8	14.3	59	60	69	63
15	24.1	26.5	23 9	24.8	20 5	21 0	21.0	15.3	14.7	16.4	15 5	69	57	74	67
16	24.4	26.8	23.7	25.0	21.2	22 6	21.0	10 2	17.1	16.6	16 6	71	65	77	71
17	24.7	26.5	23.9	25.0	21.2	22.4	21.5	16.2	16.9	17 2	16 8	70	65	78	71
18	26.0	24.0	23 8	24.6	20.5	20.9	19.1	14.2	16.1	15.8	15.4	57	71	59	62
19	22.8	24.9	21.3	23 0	19 0	19.4	18.1	13.7	13.1	13 3	13.4	67	57	69	64
20	21.7	24.8	23.5	23.3	18.2	19 4	20 0	13.2	13.5	15.6	14.1	69	60	77	69
21	22.9	24.3	22.8	23.3	18.8	19 6	18.9	13.4	13.7	13.6	13.6	65	61	66	64
22	22.0	23.9	22.1	22.7	17.9	19.1	16.4	12 6	13.3	18 2	14 7	64	60	53	59
23	21.4	23.9	20.9	22 1	15.7	17 2	16.7	10.0	10 7	11.5	10.7	52	49	62	54
24	22 0	25.3	22 0	23.1	18.2	19 7	18 9	12.9	13.4	14 0	13.4	66	56	71	64
25	25.1	26.4	23 6	25.0	19.2	20 4	19 9	12.8	13 7	14.2	13 6	55	53	64	57
26	22.7	25.6	23.6	24.0	17.1	20.8	18 9	11.1	14.8	13.2	13.0	54	61	60	58
27	22.7	25 5	24.2	24.1	17.2	19.4	19.8	11.2	12.9	14.1	12.7	54	53	62	56
28	23 9	25.9	22.5	24.1	15.8	19 6	17 8	9 2	12.8	12.1	11 4	42	52	59	61
29	25.8	26.2	25.3	25.8	15.7	19.8	17.3	8.5	13.1	10.2	10 6	35	51	42	43
30	26 8	26.1	23.3	25.4	17.2	20 2	18 4	9 6	13 7	12.6	12.0	37	54	58	50
31	24 9	24.7	21.3	23.6	18.7	19 2	17.1	11 7	12 9	11.8	12.1	47	56	63	53
	24 62	26 38	23 77	24 91	19.63	21 01	19 87	13 89	14 88	15 00	14 58	60 0	57 7	66.6	61 3

Height of Barometer above sea level: 33.7 meters.
" " Thermometer above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

OCTOBER 1925

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	6cu ci	7cu ci	2cu ci	5.0	1w	2ne	2nw	140.6	calm	haze
2	4cu ci	2cu ci	9	5.0	1w	2w	1w	150.5	,,	
3	3cu ci	5cu ci	1	3.0	2	4	1s	91.9	,,	
4	6	5cu ci	10cu n	7.0	1e	1w	1ne	125.5	,,	trace a.m.
5	2	4cu ci	2cu ci	2.7	1ne	1w	1e	154.0	,,	l'tn'g. p.m.
6	8cin	6cu n	4ci n	6 0	1w	2nw	1s	196 5	,.	trace
7	7cucin	7cucin	0	4.7	1e	1e	5ne	157.2	,,	
8	1cu ci	7cu ci	0	2.7	5e	3	1nw	322.5	v. slight	
9	1	4cu ci	5cu ci	3.3	2ne	3e	1	107.2	calm	lightning
10	1	5cu ci	6cu ci	4.0	1w	1w	1s	123.3	,,	lightning
11	1cu n	1cu n	5cu n	2.3	5w	5	4	219.7	v. slight	
12	8cu ci	5cucin	2cu n	5.0	4	6s	1se	267.8	,,	lightning
13	1cu n	1cucin	7cu n	3.0	1se	5s	2	344.4	,,	th. storm
14	1	2	3	2.0	3w	3	3ne	228.2	calm	trace a.m.
15	1cu ci	4cu ci	1	2.0	1w	2n	1se	156.6	,,	lightning
16	7cu ci	2ci	0	3.0	1	2	1se	84.0	,,	
17	7 cuci	6cu ci	1cu n	4.7	1e	2e	2	92.8	,,	lightning
18	10cucin	10n	9cu n	9.7	1w	0	5	206.2	,,	th. storm
19	6	7cu ci	2cu ci	5.0	1	3	1se	138.1	v. slight	
20	6ci	9ci n	6ci n	7.0	0	1ne	2w	135.4	calm	
21	10ci n	7cu ci	3cu ci	6.7	7s	2	1	183.3	slight	gale
22	4cu ci	5cu ci	4cu ci	4.3	1	3	1n	248.4	v. slight	
23	1	1	0	0.7	1ne	2n	1ne	94.6	calm	
24	7ci	3ci	1ci	3.7	2	2n	0	82.9	,,	
25	3cu ci	4cu ci	1ci	2.7	2se	2nw	1se	259.6	,,	
26	0	1	0	0.3	0	2n	4ne	125.5	,,	snow on mt
27	1ci	1ci	0	0.7	1	1e	4ne	191.7	,,	
28	0	0	0	0.0	1	1e	1s	88 5	,,	
29	8ci	7ci	2 ci	5.7	1s	4n	1ne	247.5	v. slight	
30	3ci	8cu ci	4cu ci	5.0	0	4w	1e	180.5	calm	
31	6cu ci	4cu ci	1ci	3.7	1n	3n	1s	221.0	v. slight	
				3.89				173.09		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	3	4	2	2	8	8	0	3
2:30	6	2	5	0	2	8	5	2	1
8:30	1	7	2	5	5	6	2	2	1
Totals	8	12	11	7	9	22	15	4	5

N. B. — Cloud numbers without letters are all cu

Wind ,, ,, ,, ,,sw